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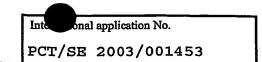
## INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

(Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference	FOR FURTHER ACTION See Form PCT/IPEA/416					
PC-21005745			· · · · · · · · · · · · · · · · · · ·			
International application No.	International filing date (day/		iority date (day/month/year)			
PCT/SE 2003/001453	17.09.2003		0.09.2002			
International Patent Classification (IPC) o		C				
B01D 53/50, B01D 53/8	B01D 53/50, B01D 53/83, B01F 13/02					
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Applicant	<u> </u>					
Alstom Technology Ltd et al						
		actablished by this In	ternational Preliminary Examining			
This report is the international pro- Authority under Article 35 and tr	ansmitted to the applicant acco	ording to Article 36.	icinatona i romina y Ziania.			
2. This REPORT consists of a total	of 3 sheets, inc	cluding this cover she	eet.			
3. This report is also accompanied b	y ANNEXES, comprising:					
a. (sent to the applicant	t and to the International Bure	au) a total of	sheets, as follows:			
sheets of the	description, claims and/or drav	wings which have be	en amended and are the basis of this report			
Administrati	ve Instructions).		rity (see Rule 70.16 and Section 607 of the			
sheets which	supersede earlier sheets, but w	which this Authority	considers contain an amendment that goes sindicated in item 4 of Box No. I and the			
Supplements		ppiication as med, a	s indicated in item 4 of Box 100.1 and and			
b. (sent to the Internati	onal Bureau only) a total of (in	ndicate type and num	iber of electronic carrier(s))			
,	, containing a	sequence listing and	l/or tables related thereto, in computer			
readable form only, Administrative Instr		al Box Relating to S	equence Listing (see Section 802 of the			
4. This report contains indications r	elating to the following items:					
· -	of the report					
Box No. II Priorit	y					
Box No. III Non-e	stablishment of opinion with re	egard to novelty, inv	entive step and industrial applicability			
Box No. IV Lack of unity of invention						
Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement						
Box No. VI Certain documents cited						
Box No. VII Certain	in defects in the international application					
Box No. VIII Certain observations on the international application						
Date of submission of the demand	Inc	ate of completion of	this report			
Date of submission of the demand		ate of completion of	uns report			
08.04.2004		29.12.2004				
Name and mailing address of the IPEA/S		uthorized officer				
Patent- och registreringsverket						
Box 5055 S-102 42 STOCKHOLM		ertil Dahl	/ELY			
Facsimile No. +46 8 667 72 88		elephone No. +46	<del>-</del>			

## INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY



1. With regard to the language, this report is based on the international application in the language in which it was filed, unless otherwise indicated under this item.    This report is based on a translation from the original language into the following language which is the language of a translation furnished for the purposes of:   international search (under Rules 12.3 and 23.1(6))   publication of the international application (under Rule 12.4)   international preliminary examination (under Rules 55.2 and/or 55.3)   With regard to the elements of the international application, this report is based on (replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not anneaded to this report:   We international application as originally filed/furnished the description:   pages	Box	No. I	Basis of the report	
which is the language of a translation furnished for the purposes of: international search (under Rules 12.3 and 23.1(b)) publication of the international application (under Rules 25.2 and/or 55.3)  2. With regard to the elements of the international application, this report is based on (replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not anneced to this report;  the international application as originally filed/furnished the description:  pages  pages*  received by this Authority on pagess*  received by this Authority on  as originally filed/furnished  the drawings: pages  received by this Authority on  as equence listing and/or any related table(s) – see Supplemental Box Relating to Sequence Listing.  The amendments have resulted in the cancellation of:  the description, pages  the claims, Nos.  the drawings, sheets/figs the sequence listing (specify):  any table(s) related to the sequence listing (specify):  the description, pages  the claims, Nos.  the drawings, sheets/figs the sequence listing (specify):  any table(s) related to the sequence listing (specify):	1.			hich it was filed, unless
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## INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

Interional application No.

PCT/SE 2003/001453

Box No. V Reasoned statement under Articitations and explanations supp		35(2) with regard to novelty, inventive ing such statement	step or industrial applicability;
Statement			
Novelty (N)	Claims Claims	1-17	YES NO
Inventive step (IS)	Claims Claims	1-17	YES NO
Industrial applicability (IA)	Claims Claims	1-17	YES NO
	citations and explan Statement Novelty (N)  Inventive step (IS)	Citations and explanations support  Statement  Novelty (N)  Claims  Claims  Inventive step (IS)  Claims  Claims  Claims  Claims	Citations and explanations supporting such statement  Statement  Novelty (N)  Claims  Inventive step (IS)  Claims  Claims  Industrial applicability (IA)  Claims  1-17  Claims

2. Citations and explanations (Rule 70.7)

Documents cited in the International Search Report:

D1: WO 9616722 A1
D2: WO 9616727 A1
D3: US 4795619 A
D4: EP 0882490 A1
D5: US 6290921 B1

The cited documents represent the general state of the art.

The invention defined in claims 1-17 is not disclosed by any of these documents.

The cited prior art does not give any indication that would lead a person skilled in the art to the claimed method and device for separating gaseous pollutants from hot process gases or the mixer for moistening particulate dust. Therefore, the claimed invention is not obvious to a person skilled in the art.

Accordingly, the invention defined in claims 1-17 is novel and is considered to involve an inventive step. The invention is industrially applicable.